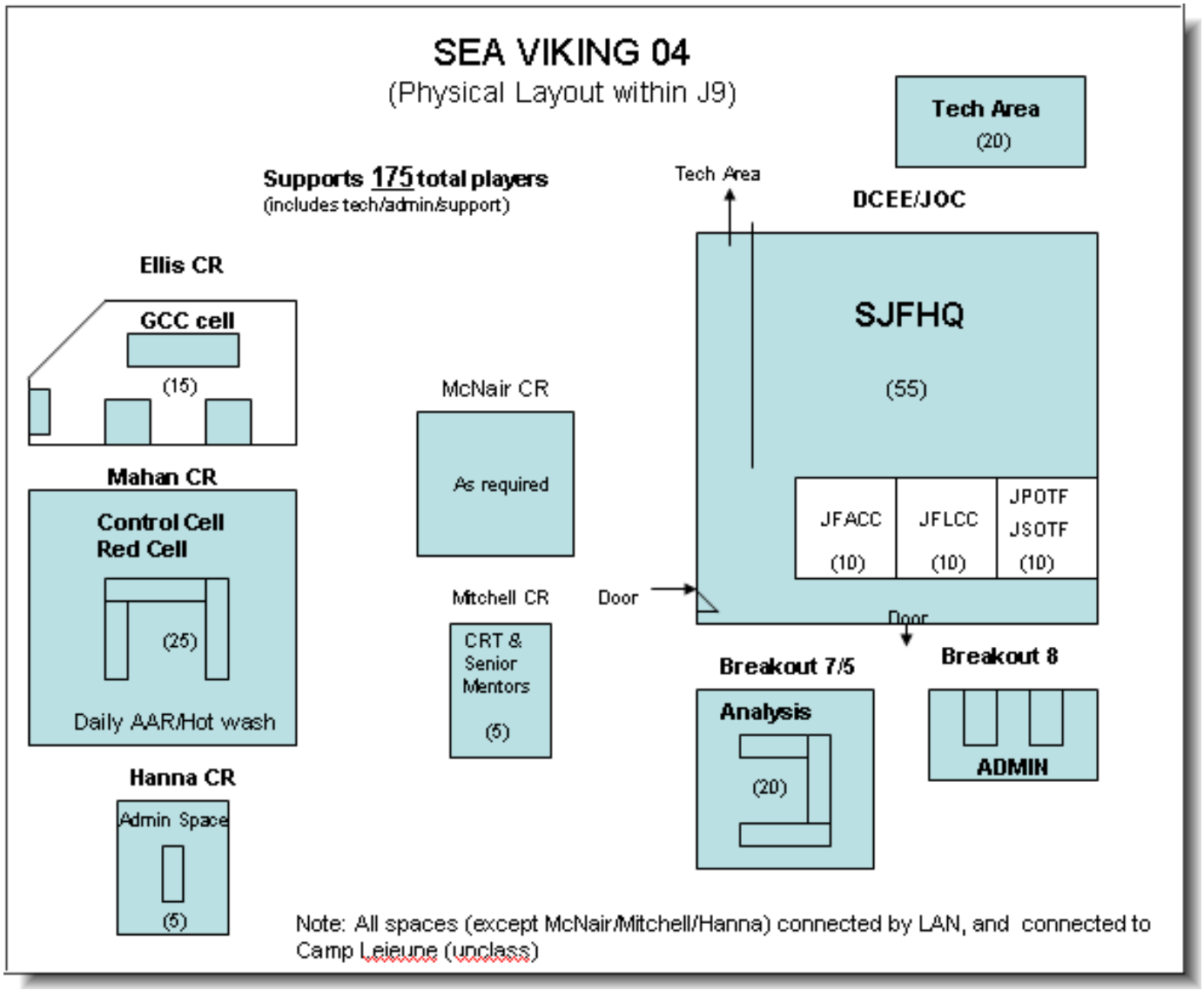
SV04 (COA) Review

	Suffolk only (Not an Option)	Suffolk w/ Camp Pendleton (COA #1)	Suffolk w/ Camp Pendleton w/ New Port RI	Suffolk Quantico (BSTF) (TBD)
Model Expertise (IC's)	**X**	**Yes**	**Yes**	**Suspense 24 June 04**
Pucksters	**X**	**Yes**	**TBD**	**2MEB or MCCDC**
EXFOR identification	**Yes**	**Yes**	**TBD**	**TBD**
CIE Tool	**Yes**	**TBD**	**TBD**	**TBD**
Equipment **Infrastructure** **Comm Outside Location** **Comm Inside location** **SIMM** **C2 / C4I**	**Yes**	**Shortage to be augmented by support from MISTIC for training and C4/C2 equipment from TBD.** **Requires T-3 (40k) for two months between**	**Shortage to be augmented by support from MISTIC for training and C4/C2 equipment from TBD.** **Requires T-3 (40k) for two months between Pendleton and**	**Mostly all equipment required is organic to the BSTF.** **Requires JTEN pipe activated between BSTF and J-9**

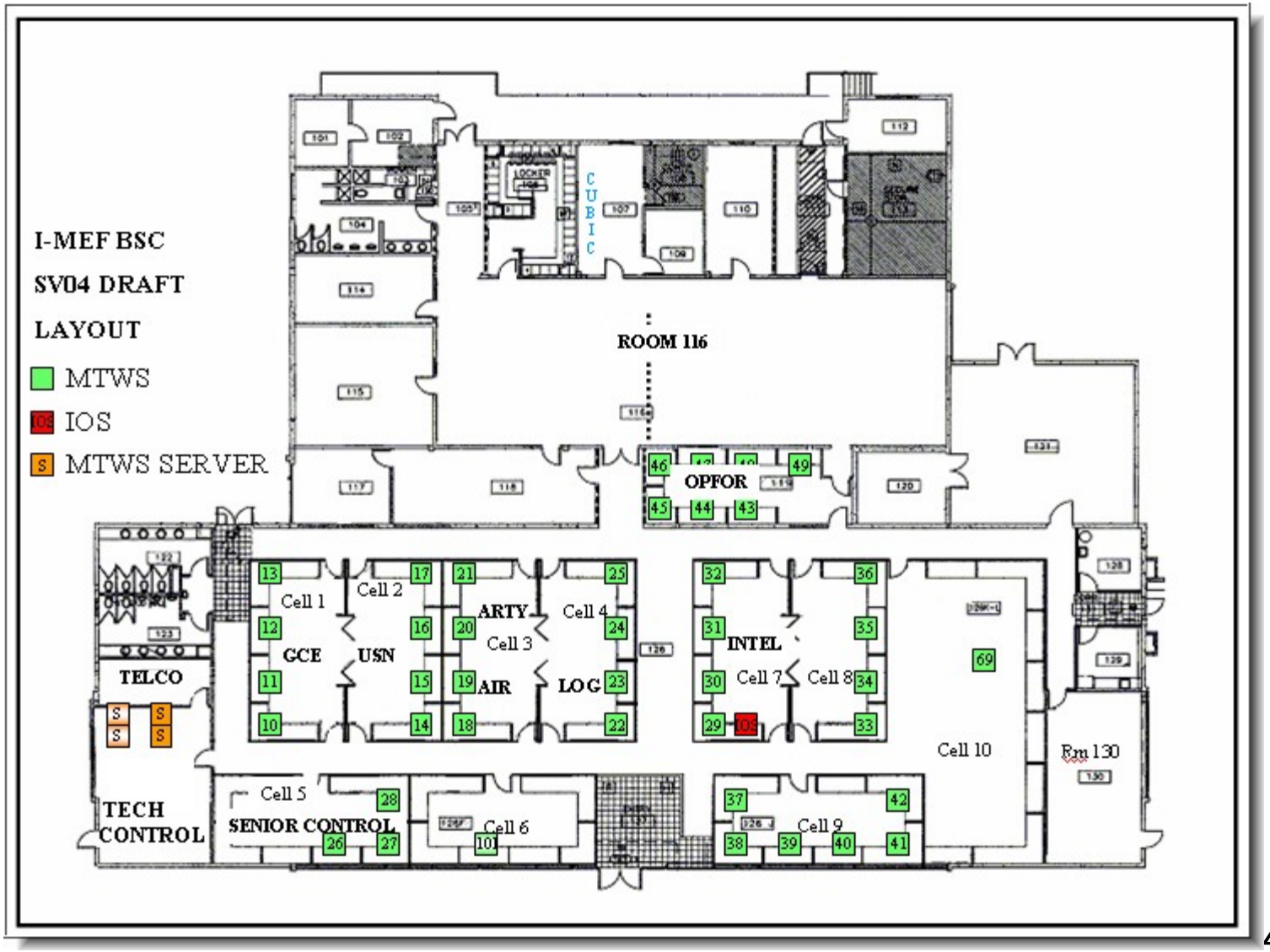
SV04 Camp Pendleton I MEF
(Technical Schedule (Draft))

Date (2004)	Objectives
June 11	Identify Connections Equipment Requirements M&S, C4I, C2, VOIP, etc..
June 25	MTWS input for all parametric data due
June TBD	TAD site visit to I MEF Sim Ctr meet with Net Admin and Sim Ctr Dir
July TBD	Finalize Subnet scheme and routing plan for JTEN between J-9 and I MEF Sim Ctr
July TBD	IATO between Camp Pendleton/J-9 and DAA for circuit install
September 6-10	Install T-3 pipe between Camp Pendleton, J-9
September 13-15	Initial in house test Connections, M&S(s), C4I, C2, VOIP etc…
October 4-6	Test JTEN Circuit Connections, M&S(s), C4I, VOIP, C2 etc…
October 7-8, 11	Repair problems
October 12-14	October Train terminal operators/ Dress Rehearsal
October 15	Final Preparations

J-9


SEA VIKING 04
(Physical Layout within J9)
Tech Area
(20)
Supports 175 total players
(includes tech/admin/support)
Tech Area
DCEE/JOC
Ellis CR
GCC cell
(15)
SJFHQ
(55)
McNair CR
As required
Mahan CR
Control Cell
Red Cell
(25)
Daily AAR/Hot wash
JFACC
(10)
JFLCC
(10)
JPOTF
JSOTF
(10)
Mitchell CR
Door
Door
CRT &
Senior
Mentors
(5)
Breakout 7/5
Breakout 8
Analysis
(20)
ADMIN
Hanna CR
Admin Space
(5)
Note: All spaces (except McNair/Mitchell/Hanna) connected by LAN, and connected to Camp Lejeune (unclass)

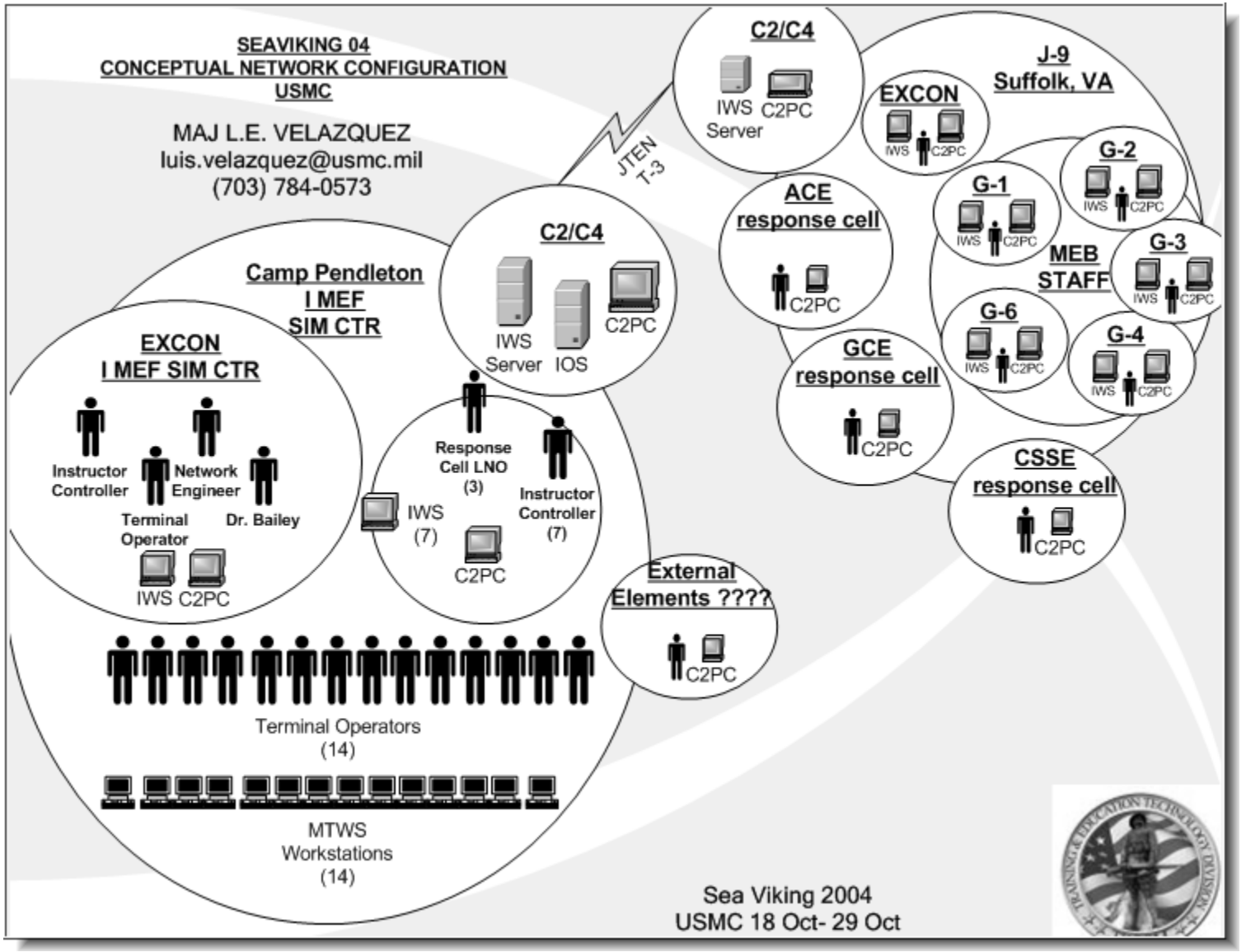
I MEF Sim Ctr


I-MEF BSC
SV04 DRAFT
LAYOUT
MTWS
IOS
MTWS SERVER
ROOM 116
CUBIC
OPFOR
TELCO
GCE
USN
ARTY
AIR
LOG
INTEL
Cell 1
Cell 2
Cell 3
Cell 4
Cell 5
Cell 6
Cell 7
Cell 8
Cell 9
Cell 10
Rm 130
TECH CONTROL
SENIOR CONTROL

Camp Pendleton Simulation Center (Facility)

- Each response cell at I MEF will have SIPR, NIPR, and telephone connectivity ports (RJ-45) to the telecommunications room, four ports each.
- There are no laptops to provide to the response cells.
- Several projection screens and projectors available
- The entire compound is fenced and the north yard (75 x 100 yards) has power NIPR, SIPR, and telephone access.

Conceptual Diagram



SV04 Camp Pendleton I MEF
(Suggested manning level)

CELL	MANNING			Description	Equipped with
GROUND MANEUVER	TO#	IC#	WKST #	Three (battalion) workstations with maneuver company icons:	1 IWS station + comm/data to MEB COC & J9.
	3	1	4		
INTEL	TO#	IC#	WKST #	One ground intel, STA, Recon team workstation:	1 IWS station + comm/data to MEB COC & J9
	1	1	2		
ARTILLERY	TO#	IC#	WKST #	Two artillery workstations firing at the battery level icon:	1 IWS station + comm/data to MEB COC & J9
	2	1	3		
AVIATION	TO#	IC#	WKST#	Two aviation workstations, one as R/W and one as F/W:	1 IWS station + comm/data to MEB COC & J9
	3	1	4		
LOGISTICS	TO#	IC#	WKST #	Two logistics (CSSE) workstations:	1 IWS station + comm/data to MEB COC & J9
	3	1	4		
OPPOSING FORCES	TO#	IC#	WKST #	Two to Four Workstations (Depending upon level of expected activity)	1 IWS station + comm/data to MEB COC & J9
	4	2	6		
EXCON AT BSC	TO#	IC#	WKST #		C2PC, 1 Network Engineer, 2IWS
	1	1	2		

I MEF Sim Ctr ADP/AIS Requirements

- **Bandwidth Requirement (T-3)**
  - T-3 dropped off on Coax by SBC and run directly to a T3/E3 Network Module (link) in a router at the demark.
  - From the router the connection would run over the existing fiber to the BSC building with a 100 meg ST fiber converter.
  - One Fiber converter at the demark point and one fiber converter at the BSC.
- **Additional Hardware Requirements:**
  - Router that will support this Module.
    - A 3660 or 3725 router, with IOS 12.2 loaded, will have to be sent to the Sim Ctr.
    - Contacted I MEF and ask if the model could be loaned
    - If one can not be barrowed CISCO list price is **$14,000** for a 3725 router.

I MEF Sim Ctr ADP/AIS Requirements

- **Additional Hardware Requirements (cont):**

  Two 100 Meg ST fiber converters would need to be purchased.

  (Single Mode fiber) CDW/G est for $150.00 each.

- **Voice Over IP (VOIP) Phones**

  will require the purchase of a Call Manager Server 7825H with software to run the CISCO phones, est **$7500.00**

  or purchase call Manager Express that can be loaded on the Camp Pendleton Sim Ctr router est **$2500.**

I MEF Sim Ctr (OPTEMPO)

- Supporting the II MEF MRX hosting I MEF units that will ultimately be chopped to II MEF.
- Originally presented as a minimal effort, the II MEF MRX is a CBS exercise
- CBS will require greater preparation than an MTWS CPX.
- Operational requirements take precedence. If I MEF BSC is required to participate in a 24/7 CPX schedule/location could be effected
- 29Palms team augmentation will be required